

FIG. 1

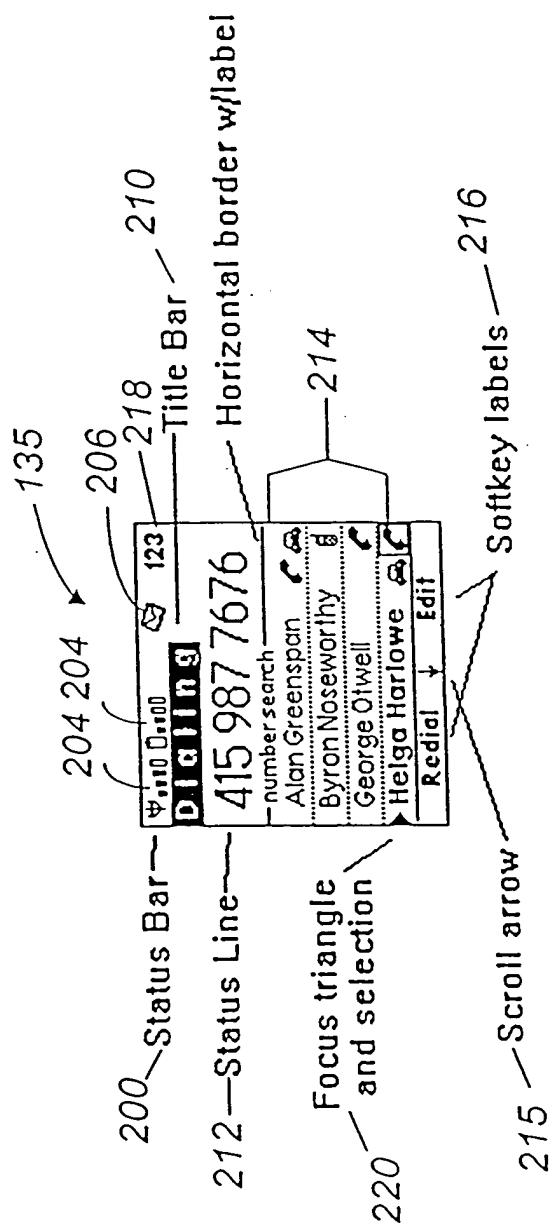


FIG. 2

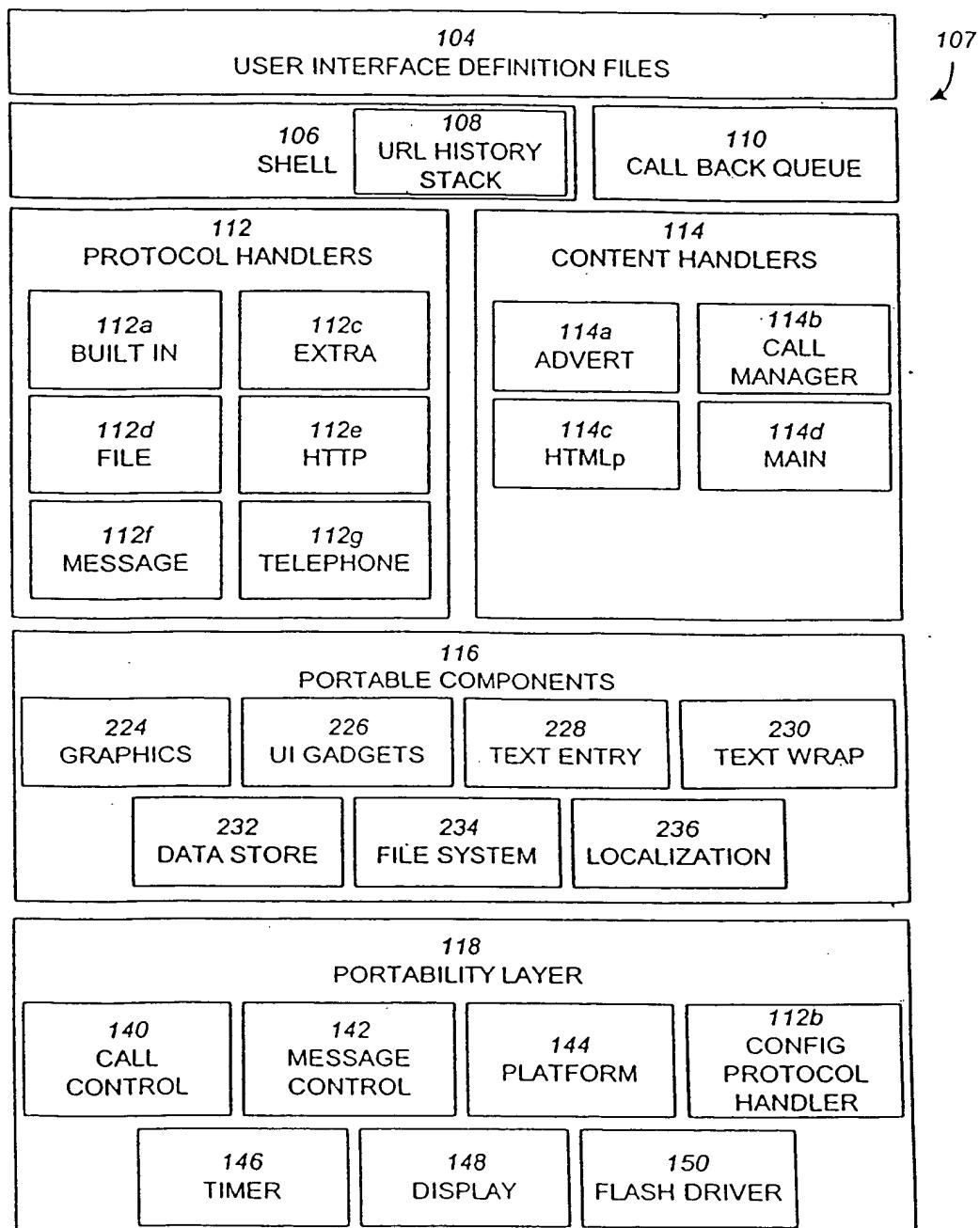


FIG. 3

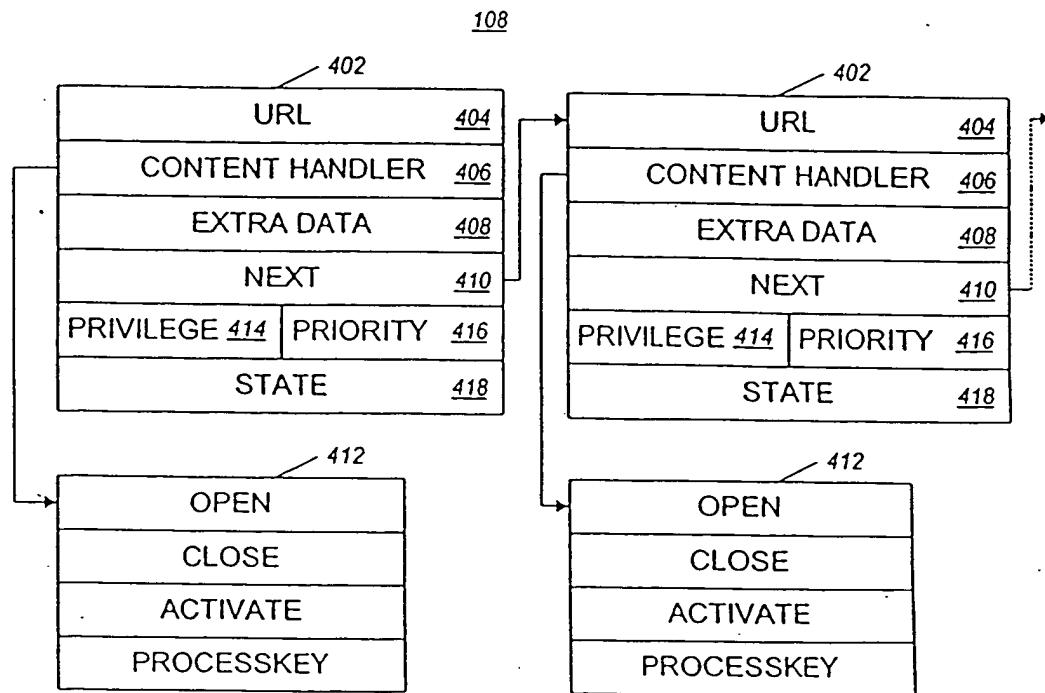


FIG. 4

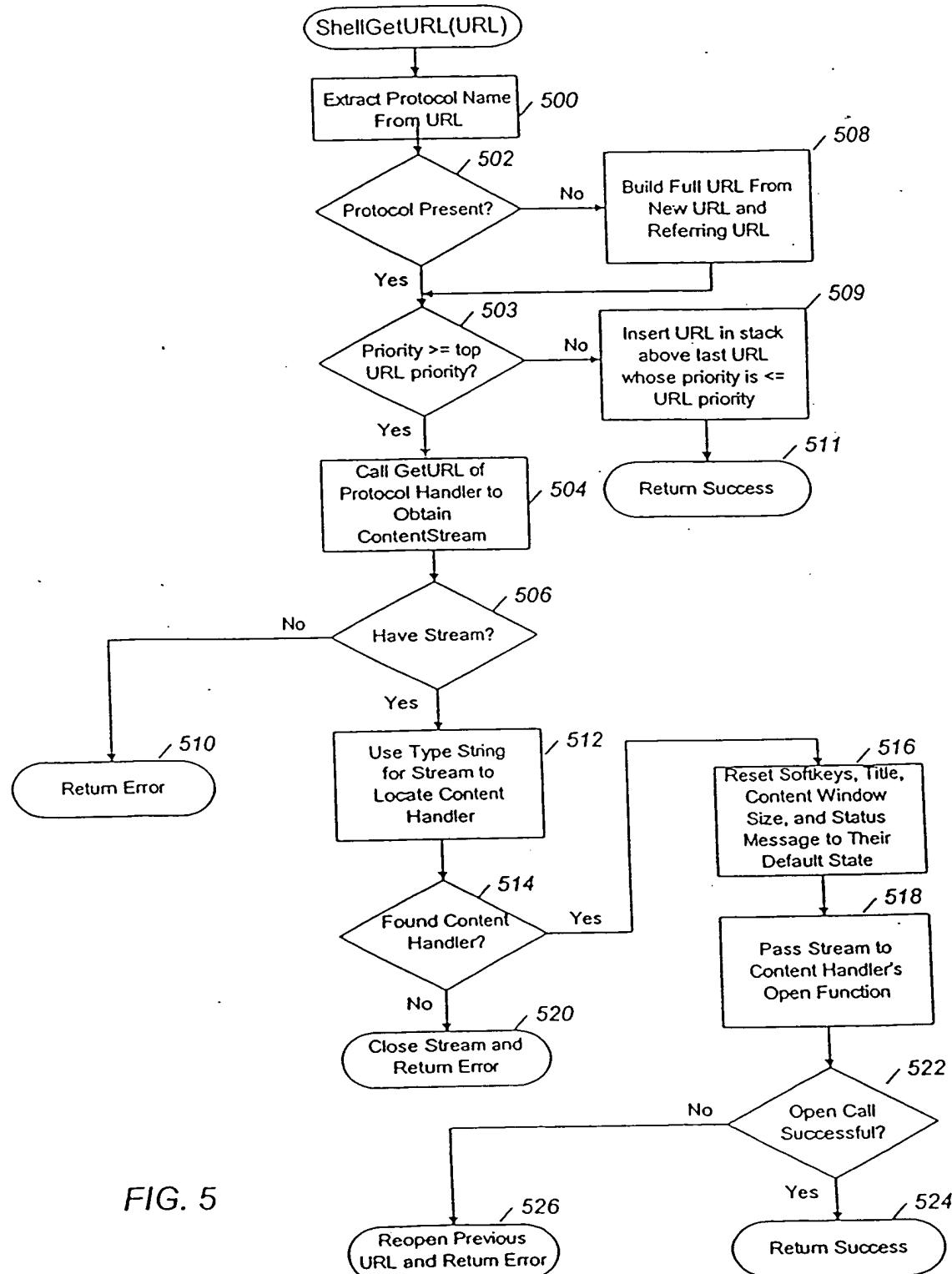


FIG. 5

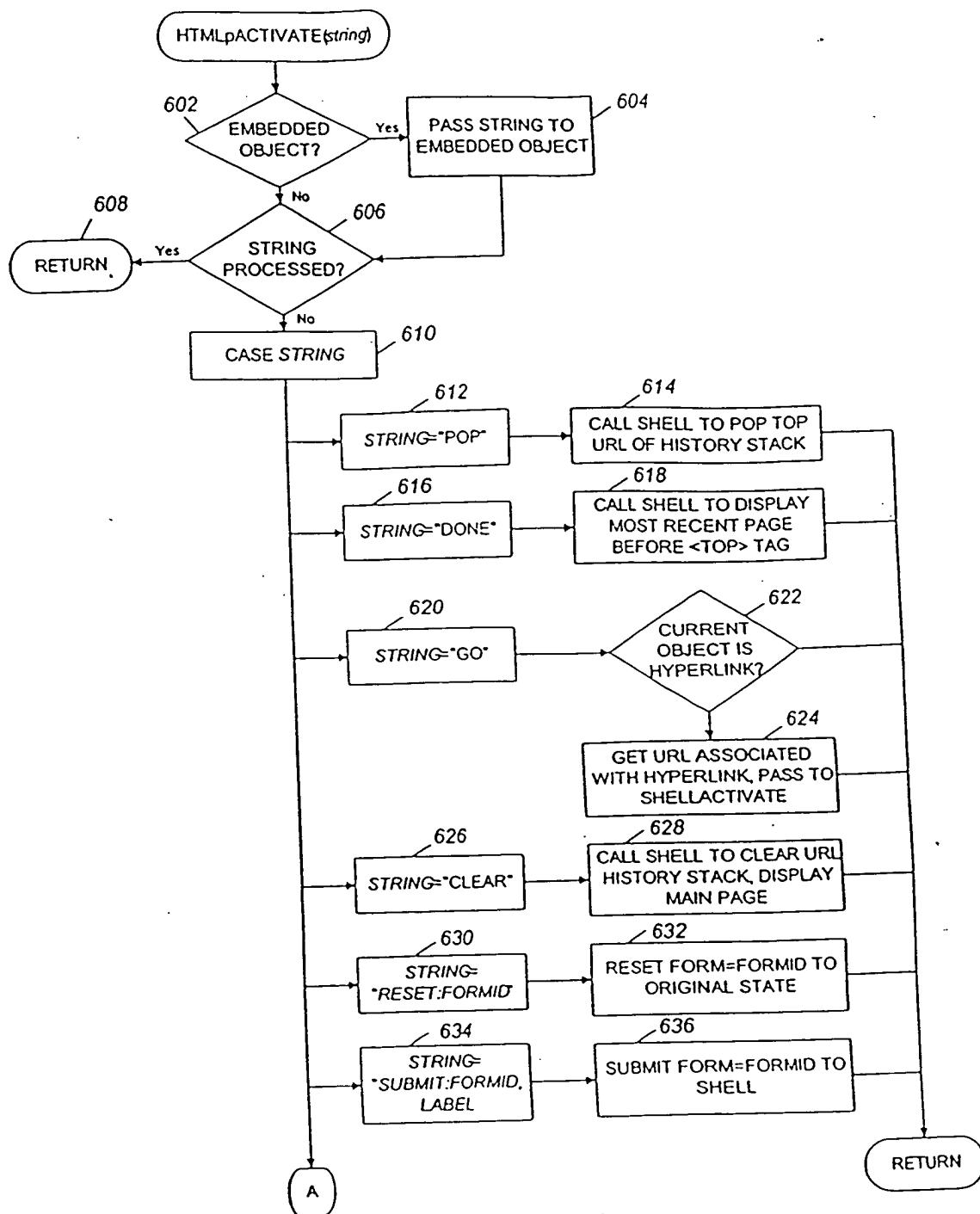


FIG. 6A

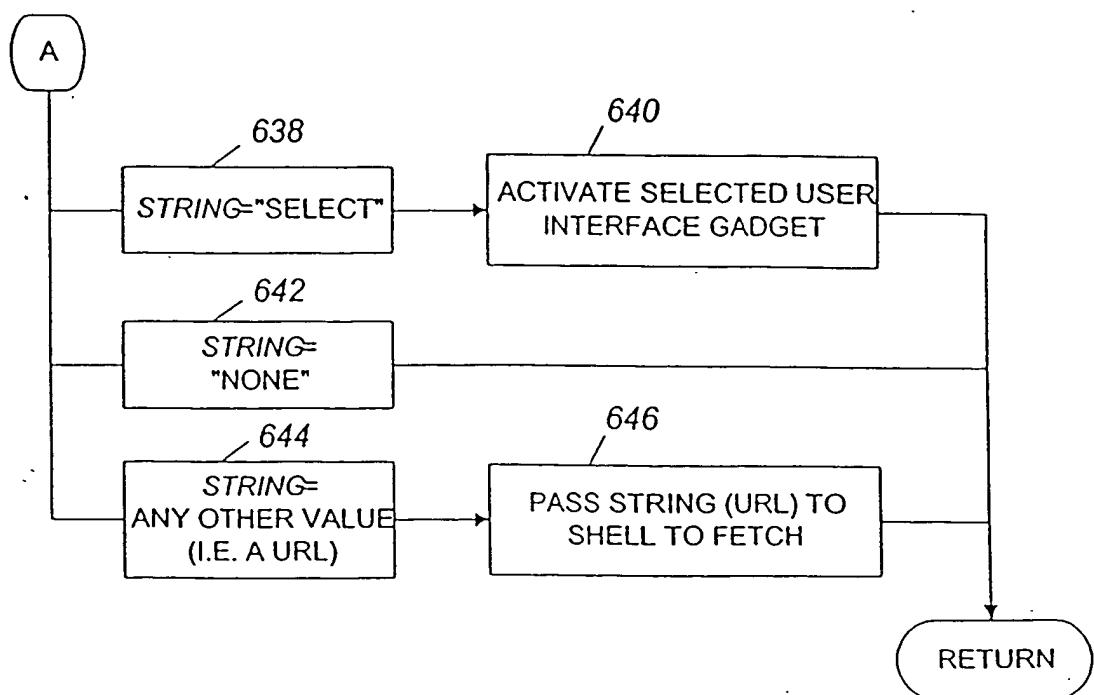
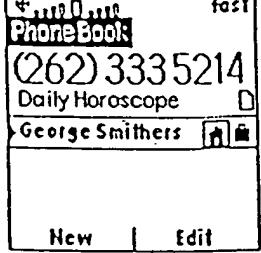
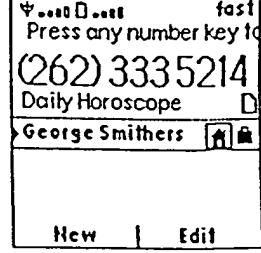
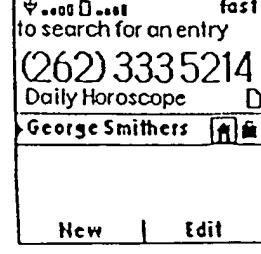
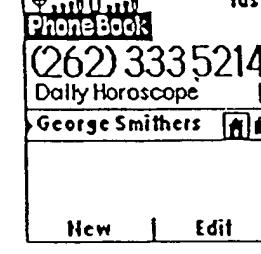
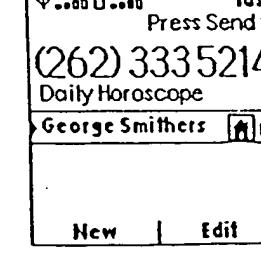


FIG. 6B

Result	123
HTMLp	<p>123</p> <p>Airtime</p> <p>Callular</p> <p>Messages</p> <p>Recent Calls</p> <p>Phone Settings</p> <p>Select</p> <p>PhoneBook</p>

FIG. 7

HTMLp	Result
<HTML> <HEAD> <TOP> <TITLE>Phone Book</TITLE> <KEY KEY=1 Label="New Action="new"> <KEY KEY=clear action=delete> <HELP>Press any number key to search for an entry</HELP> <HELP>Press Send to call someone</HELP> </HEAD> <BODY> <OBJECT CODE="phone:list?editkey=2&showstatus"> </BODY> </HTML>	    
<i>FIG. 8</i>	

HTMLp	Result
<pre><HTML> <HEAD> <KEY KEY=2 LABEL=Ignore ACTION=phone:ignore> <IF TEST=extra:conf> <KEY KEY=1 LABEL=Conference ACTION=phone:conference> <ELSE> <KEY KEY=1 LABEL="Pick Up" ACTION=phone:answer> </IF> <KEY KEY=send ACTION=phone:answer> <IF TEST=config:anykey> <KEY KEY=default ACTION=phone:answer> <KEY KEY=back ACTION=phone:answer> </IF> <KEY KEY=end ACTION=phone:ignore> <KEY KEY=up ACTION=phone:upvolume> <KEY KEY=down ACTION=phone:downvolume> </HEAD> <BODY> <TEMPLATE> <CENTER> \$(extra:name)

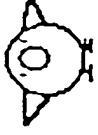
 </CENTER> </TEMPLATE> </BODY> </HTML></pre>	<p>123</p> <p>Adam M.</p> <p></p> <p><input type="button" value="Pick Up"/> <input type="button" value="Ignore"/></p>

FIG. 9

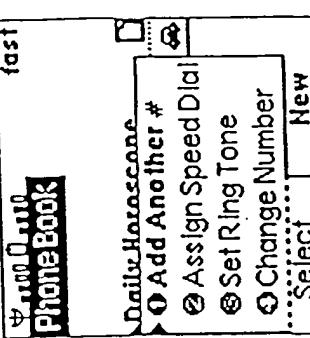
HTMLp	Result
<pre><HTML> <HEAD> <TOP> <TITLE>Phone Book</TITLE> <KEY KEY=1 LABEL="Modify" ACTION=MENU> <KEYMENU KEY=1 LABEL="Add Another #" <KEYMENU KEY=1 LABEL="Add Another #" ACTION="phone:edit?Name=@n"> <KEYMENU KEY=1 LABEL="Assign Speed Dial" ACTION="file://pbspeed.html?id=@i&offset=@o&Name=@n&ico n=@I"> <KEYMENU KEY=1 LABEL="Set Ring Tone" ACTION="file://pbring.html?id=@i&Name=@n"> <KEYMENU KEY=1 LABEL="Change Number" ACTION="file://pbnum.html?id=@i&offset=@o&Name=@n&Phone =@N"> <KEY KEY=2 Label="New Action="new"> <KEY KEY="clear action=delete"> <HELP>Press any number key to search for an entry</HELP> <HELP>Press Send to call someone</HELP> </HEAD> <BODY> <OBJECT CODE="phone:list?showstatus"> </BODY> </HTML></pre>	

FIG. 10

HTMLP	Result
<pre><HTML> <HEAD> <TOP> <KEY KEY=1 Label="New Action="new"> <KEY KEY=2 clear action="delete"> </HEAD> <BODY background="file://logo.gif" ALIGN="bottom" height=15 P h o n e &nbsp;B o o k

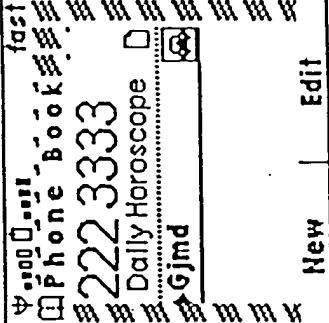
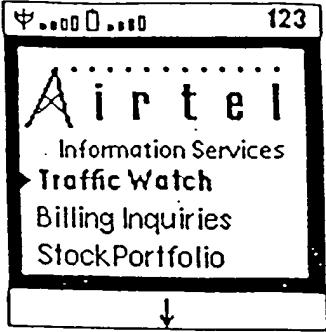
<OBJECT CODE="phone:1:list?editkey=2&showstatus&editurl=file://pbedit it.html?id=@i&26offset=@o&26Name=@o&26speed=@o&26icon=@I& 26Phone=@N&26ring=@r&26prior=@R" width=101> </BODY> </HTML></pre>	

FIG. 11

HTML	Result
<pre><HTML> <HEAD> <TITLE>Set Backlight</TITLE> </HEAD> <BODY> <TEMPLATE> <FORM METHOD=POST ACTION="config:set"> Backlight should be:
 <input checked="checked" name="backlight" type="radio" value="0"/>On when in use
 <input name="backlight" type="radio" value="1"/>On when in use or charging
 <input name="backlight" type="radio" value="2"/>On when in use or charging
 <input name="backlight" type="radio" value="3"/>Off
 Delay: 15.....0K </FORM> </TEMPLATE> </BODY> </HTML></pre>	<p>Set Backlight</p> <p>Backlight should be:</p> <p><input checked="" type="radio"/> On when in use</p> <p><input type="radio"/> On when in use or charging</p> <p><input type="radio"/> Off</p> <p>Delay: 15.....0K</p>

FIG. 12

HTMLp	Result
<pre>file info.html <HTML> <INC SRC=bbbody.html> <center>Information Services
</center> <FORM ACTION=phone:indir> <SELECT SIZE=3 NAME=url SIMPLE> <OPTION VALUE=http://svcs/traffic.html>Traffic Watch</OPTION> <OPTION VALUE=http://svcs/billing.html>Billing Inquiries</OPTION> <OPTION VALUE=http://svcs/portfolio.html>Stock Portfolio</OPTION> <OPTION VALUE=http://svcs/weather.html>Local Weather</OPTION> </SELECT> <INPUT TYPE=submit KEY=send> </FORM> <INC SRC=endbbbody.html> </HTML></pre>	
<pre>file bbody.html: <! Specifies a body surrounded by a border with the operator logo at the top. The including file can add a subcaption immediately below, but left and right margin are set so text will not impinge on the border > <BODY BACKGROUND=sq-back.gif BGPROPERTIES=fixed> <BLOCKQUOTE>
 <INC SRC= stdlogo.html></pre>	<u>FIG. 13</u>
<pre>file endbbbody.html: <! Closes the tags that were opened by bbody.html> </BLOCKQUOTE> </BODY></pre>	
<pre>file stdlogo.html: <! Provides the operator logo with the text flow set to receive a subcaption for the logo >
</pre>	

HTMLP	Result
<pre><HTML> <HEAD><TITLE>Dialing</TITLE> <TEMP> <KEY KEY=1 Label="Recent" Action="file://recent.html"> </HEAD> <BODY> <FORM ACTION="phone:dial"> <INPUT NAME=num TYPE=phonenum> <INPUT TYPE=submit KEY=send> </FORM> </BODY> </HTML></pre>	

FIG. 14

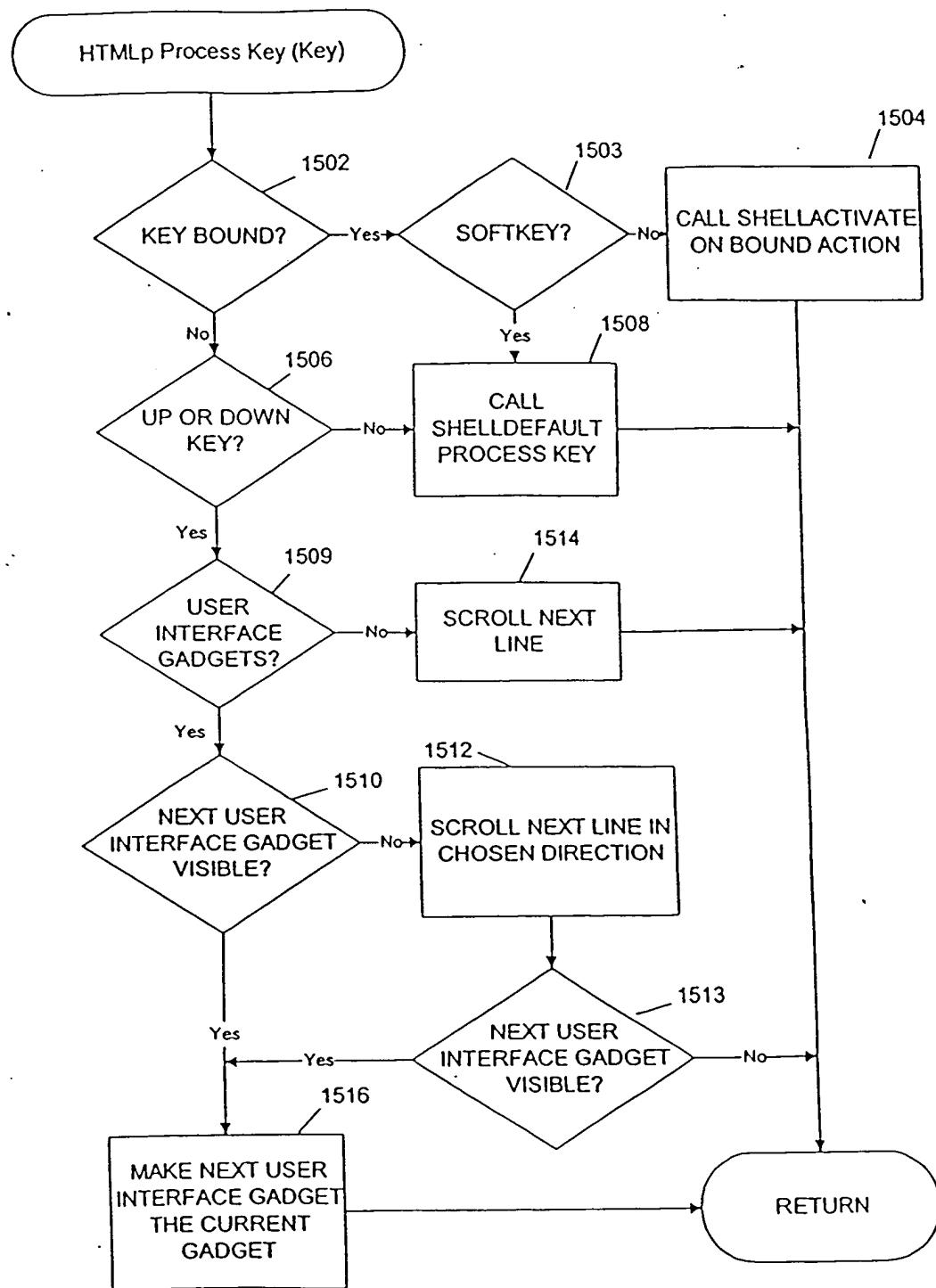


FIG. 15

HTML	Result
<pre><HTML> <BODY> <FORM METHOD=POST ACTION="http://cgi-bin/purchase"> Name: <INPUT TYPE=TEXT NAME=name>
 Address: <INPUT TYPE=TEXT NAME=street>
 NAME=street>
 City: <INPUT TYPE=TEXT NAME=city> State: <INPUT TYPE=TEXT NAME=state MAXLENGTH=2 SIZE=2> Zip: <INPUT TYPE=TEXT NAME=zip SIZE=5>
 Credit Card: <INPUT TYPE=RADIO NAME=cardtype VALUE=visa><INPUT TYPE=RADIO NAME=cardtype VALUE=mc>MasterCard <INPUT TYPE=RADIO NAME=cardtype VALUE=amex>American Express
 Number: <INPUT TYPE=TEXT NAME=cnumber>
 <INPUT TYPE=submit name=buy value=Buy></FORM> </BODY> </HTML></pre>	<p>Name: <input type="text"/></p> <p>Address: <input type="text"/></p> <p>City: <input type="text"/> State: <input type="text"/> Zip: <input type="text"/></p> <p>Credit Card: <input type="radio"/> VISA <input type="radio"/> MasterCard <input type="radio"/> American Express</p> <p>Number: <input type="text"/> Buy</p>

FIG. 16
PRIOR ART

CLIENT	SERVER
<pre><HTML> <HEAD> <TITLE>Purchase Skis</TITLE> <TOP> </HEAD> <BODY> Please enter your name: <FORM METHOD=GET ACTION = "http://skishop/cgi-bin/addr"> <INPUT TYPE=TEXT NAME=name SIZE=25>
 <INPUT KEY=send TYPE=submit> </FORM> </BODY> </HTML></pre> <p>GET http://skishop/cgi-bin/addr?name=George+Will</p>	<p>Insert "name" into the HTML template maintained on the server, upload to client.</p>

FIG. 17a.1
PRIOR ART

CLIENT	SERVER
<pre><HTML> <HEAD> <TITLE>Purchase Skis</TITLE> </HEAD> <BODY> Now we need your address: <FORM METHOD=GET ACTION="http://skishop/cgi- bin/credit"> <INPUT TYPE=hidden NAME=name VALUE="George Will"> Street: <INPUT TYPE=TEXT NAME=street size=9>
 City: <INPUT TYPE=TEXT NAME=city size=10>
 State: <INPUT TYPE=TEXT NAME=state MAXLENGTH=2 SIZE=2>
 Zip: <INPUT TYPE=TEXT NAME=zip SIZE=5> <INPUT KEY=send TYPE=submit> </FORM> </BODY> </HTML></pre> <p>GET http://skishop/cgi-bin/credit?name=George+Will&street=2+Anywhere&city=Madison&state=WI&zip=53705</p>	Insert address parameters into the template maintained on the server, and upload to client.

FIG. 17a.2

PRIOR ART

CLIENT	SERVER
<pre> <HTML> <HEAD> <TITLE>Purchase Skis</TITLE> </HEAD> <BODY> Finally, your credit card info: <FORM METHOD=GET ACTION="http://skishop/cgi-bin/confirm"> <INPUT TYPE=hidden NAME=name VALUE="George Will"> <INPUT TYPE=hidden NAME=street VALUE="2 Anywhere"> <INPUT TYPE=hidden NAME=city VALUE="Madison"> <INPUT TYPE=hidden NAME=state VALUE="WI"> <INPUT TYPE=hidden NAME=zip VALUE="53705"> Credit Card:
 <INPUT TYPE=RADIO NAME=cardtype VALUE=visa>VISA <INPUT TYPE=RADIO NAME=cardtype VALUE=mc>MasterCard <INPUT TYPE=RADIO NAME=cardtype VALUE=amex>American Express
 Number: <INPUT TYPE=TEXT NAME=cnumber > <INPUT KEY=send TYPE=submit name=buy value="Review"> </FORM> </BODY> </HTML> </pre> <p>GET http://skishop/cgi-bin/credit?name=George+Will&street=2+Anywhere&city=Madison&state=WI&zip=53705&cardtype=visa&cnumber=773222156661000</p>	
	Insert credit card parameters into template maintained on the server, and upload to client.

FIG. 17b.1

PRIOR ART

CLIENT	SERVER
<pre> <HTML> <HEAD> <TITLE>Confirm Order</TITLE> </HEAD> <BODY> <DL> <DT>Name:</DT><DD>George Will</DD> <DT>Address:</DT><DD>2 Anywhere, Madison, WI, 53705</DD> <DT>Credit Card:</DT><DD>VISA
 7732222156661000</DD> </DL> <FORM METHOD=POST ACTION="http://skishop/cgi-bin/purchase"> <INPUT TYPE=hidden NAME=name VALUE="George Will"> <INPUT TYPE=hidden NAME=street VALUE="2 Anywhere"> <INPUT TYPE=hidden NAME=city VALUE="Madison"> <INPUT TYPE=hidden NAME=state VALUE="WI"> <INPUT TYPE=hidden NAME=zip VALUE="53705"> <INPUT TYPE=hidden NAME=cardtype VALUE="visa"> <INPUT TYPE=hidden NAME=cnumber VALUE="7732222156661000"> <INPUT KEY=1 TYPE=submit name=buy value="Buy!"> </FORM> </BODY> </HTML> </pre>	
POST http://skishop/cgi-bin/purchase?name=George+Will&street=2+Anywhere&city=Madison&state=WI&zip=53705&cardtype=visa&cnumber=7732222156661000	Process transaction with all parameters.

FIG. 17b.2

PRIOR ART

HTMLp	Result
<pre>file: purchaseform.html <HTML> <HEAD> <TITLE>Purchase Skies</TITLE> <TOP> <KEY KEY=2 LABEL="Never Mind" ACTION=done> </HEAD> <BODY> Please enter your name: <FORM METHOD=POST ACTION="file://addr.html"> <INPUT TYPE=TEXT NAME=name cap=name abcmodes=alpha, num SIZE=25>
 <INPUT KEY=send TYPE=submit > </FORM> </BODY> </HTML></pre>	<p>abc</p> <p>purchaseSkies</p> <p>Please enter your name:</p> <p>George W!!!.....</p> <p>Never Mind</p>

FIG. 18a.1

HTML/P	Result
<pre>file: addr.html <HTML> <HEAD> <TITLE>Purchase Skis</TITLE> <KEY KEY=2 LABEL="Never Mind" ACTION=done> </HEAD> <BODY> Now we need your address: Street: 2 Anywhere..... City: Madison..... State: WI Zip: 53705! .. [Never Mind]</pre>	

FIG. 18a.2

HTML	Result
<pre>file: credit.html <HTML> <HEAD> <TITLE>Purchase Skis</TITLE> <KEY KEY=2 LABEL="Never Mind" ACTION=done> </HEAD> <BODY> Finally, your credit card info: <FORM METHOD=POST ACTION="file://confirm.html"> Credit Card:
 <INPUT TYPE=RADIO NAME=cardtype VALUE=visa>VISA <INPUT TYPE=RADIO NAME=cardtype VALUE=mc>MasterCard <INPUT TYPE=RADIO NAME=cardtype VALUE=amex>American Express
 Number: <INPUT TYPE=TEXT NAME=cnumber abcmode\$=num> <INPUT KEY=send TYPE=submit name=buy value="Review"> </FORM> </BODY> </HTML></pre>	<p>Finally, your credit card info:</p> <p>Credit Card:</p> <p><input checked="" type="radio"/> VISA <input type="radio"/> MasterCard <input type="radio"/> American Express <input type="radio"/> Select <input type="radio"/> Never Mind</p>

FIG. 18a.3

HTML	Result
<pre><HTML> <HEAD> <TITLE>Confirm Order</TITLE> <KEY KEY=2 LABEL="Never Mind" ACTION=done> </HEAD> <BODY> <template> <DL> <DT>Name:</DT><DD>% (extra: name) </DD> <DT>Address:</DT><DD>% (extra: street), % (extra: city), % (extra: state), % (extra: zip) </DD> <DT>Credit Card:</DT><DD><if test=extra: cardtype=visa>VISA</if><if test=extra: cardtype=mc>MasterCard</if><if test=extra: cardtype=amex>American Express</if>
 % (extra: cnumber) </DD> </DL> </template> <FORM METHOD=POST ACTION="http://cgi- bin/purchase"> <INPUT KEY=1 TYPE=submit name=buy value="Buy!""> </FORM> </BODY> </HTML></pre>	<p>Ψ. 123</p> <p>Confirm Order</p> <p>Name: George Will</p> <p>Address: 2 Anywhere, Madison, WI, 53705</p> <p>Credit Card: Visa Buy! Never Mind</p>

FIG. 18b.1

HTML/P	Result
Final HTTP transaction sent to server: POST //cgi-bin/purchase name/George Will street/2 Anywhere city/Madison state/WI zip/53705 cardtype/visa cnumber/732222156661000 buy/Buy!	

FIG. 18b.2

HTML	Result
<pre><HEAD> <TITLE>Green-Tongued Iguana</TITLE> </HEAD> <BODY> The green-tongued iguana is a native of Adelaide, Australia. It likes to live under spare tires, unlike the Blue-Tongued Iguana, its cousin to the north. </BODY></pre>	<p>123 Green-Tongued Iguana The green-tongued iguana is a native of Adelaide, Australia. It likes to live under spare tires, unlike the Blue-Tongued Iguana. Its cousin to the north. Links</p>
	<p>123 Green-Tongued Iguana The green-tongued iguana is a native of Adelaide, Australia. It <input checked="" type="radio"/> Picture <input checked="" type="radio"/> map <input checked="" type="radio"/> Blue-Tongued Iguana <input checked="" type="radio"/> Select</p>

FIG. 19

HTML	Result															
<pre><HEAD> <TITLE>OAK to SEA 3/24</TITLE> <LINKMENU> </HEAD> <BODY> <TABLE> <TR> <TH><U>Flight</U></TH> <TH ALIGN= CENTER><U>Dep</U></TH> <TH ALIGN= CENTER><U>Arr</U></TH> </TR> <TR> <TD>UA 909</TD> <TD ALIGN=RIGHT>09:33</TD> <TD ALIGN=RIGHT>11:22</TD> </TR> <TR> <TD>AS 63</TD> <TD ALIGN=RIGHT>10:02</TD> <TD ALIGN=RIGHT>11:57</TD> </TR> <TR> <TD>AS 102</TD> <TD ALIGN=RIGHT>12:36</TD> <TD ALIGN=RIGHT>14:08</TD> </TR> <TR> <TD>UA 887</TD> <TD ALIGN=RIGHT>15:10</TD> <TD ALIGN=RIGHT>17:21</TD> </TR> </TABLE> </BODY></pre>	<p>123</p> <p>OAK to SEA 3/24</p> <table><thead><tr><th>Flight</th><th>Dep</th><th>Arr</th></tr></thead><tbody><tr><td>UA 909</td><td>09:33</td><td>11:22</td></tr><tr><td>AS 63</td><td>10:02</td><td>11:57</td></tr><tr><td>AS 102</td><td>12:36</td><td>14:08</td></tr><tr><td>UA 887</td><td>15:10</td><td>17:21</td></tr></tbody></table> <p>Select </p> <p><i>FIG. 20</i></p>	Flight	Dep	Arr	UA 909	09:33	11:22	AS 63	10:02	11:57	AS 102	12:36	14:08	UA 887	15:10	17:21
Flight	Dep	Arr														
UA 909	09:33	11:22														
AS 63	10:02	11:57														
AS 102	12:36	14:08														
UA 887	15:10	17:21														

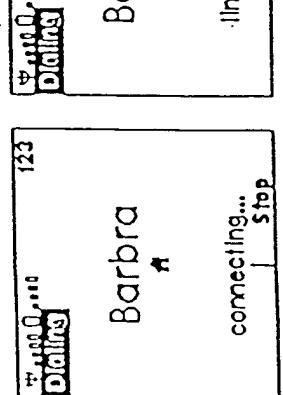


FIG. 21A

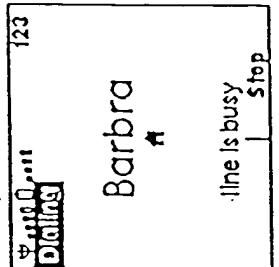


FIG. 21B

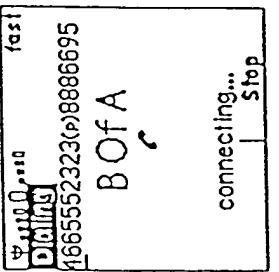


FIG. 21C

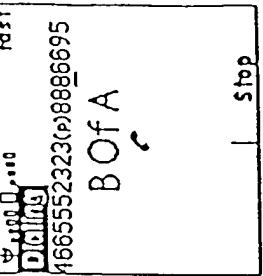


FIG. 21D

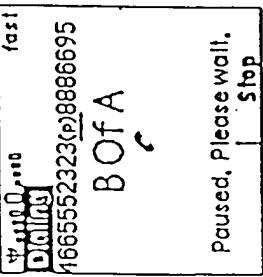


FIG. 21E

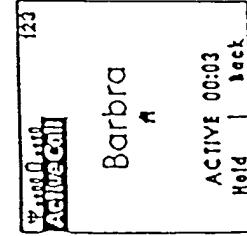


FIG. 22A

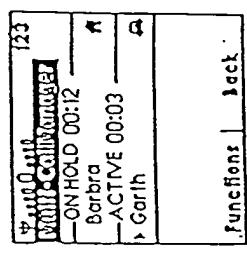


FIG. 22B

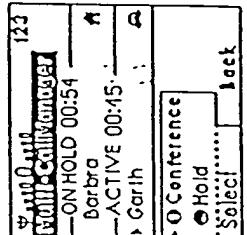
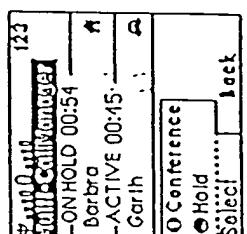
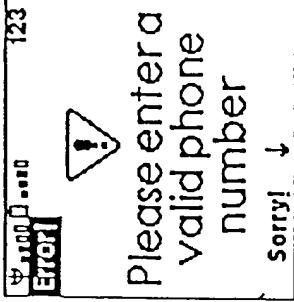


FIG. 22C



HTMLp	Result
<pre><HTML> <HEAD> <TITLE>Error! </TITLE> <KEY KEY=1 LABEL="Sorry!" ACTION=pop> </HEAD> <BODY> <CENTER>
 <INC SRC=extra:message> </CENTER> </BODY> </HTML></pre>	

F/G. 23

KEYCAPS		MISCELLANEOUS	
builtin:key1	❶	builtin:smiley	☺
builtin:key2	❷	builtin:signal	₩
builtin:key3	❸		
builtin:key4	❹		
builtin:key5	❺		
builtin:key6	❻		
builtin:key7	❻		
builtin:key8	❻		
builtin:key9	❻		
builtin:key0	❻		
PHONE NUMBER TYPES			
builtin:type0	❶	builtin:bigtype0	❶
builtin:type1	❷	builtin:bigtype1	❷
builtin:type2	❸	builtin:bigtype2	❸
builtin:type3	❹	builtin:bigtype3	❹
builtin:type4	❺	builtin:bigtype4	❺
builtin:type5	❻	builtin:bigtype5	❻
builtin:type6	❻	builtin:bigtype6	❻
builtin:type7	❻	builtin:bigtype7	❻

FIG. 24

HTML/P	Result
<pre> <HEAD> <DIAL NAME="Voice Mail" NOSCREENCHANGE>8144299x#4416722</DIAL> <TITLE>Voice Box</TITLE> <KEY KEY="#5 ACTION="vmListen.http"> <KEY KEY="#4 ACTION="vmGreeting.http"> <KEY KEY="#6 ACTION="vmNew.http"> <KEY KEY="#9 ACTION="vmSignoff.http"> <KEY KEY="default ACTION="none"> <TOP> </HEAD> <BODY> Greeting Options
 Listen to Messages
 Record a Message
 Sign Off
 </BODY> <HEAD> <DIAL></DIAL> <TITLE>Listen</TITLE> <KEY KEY="#2 ACTION="phone:dial?num=2"> <KEY KEY="#3 ACTION="phone:dial?num=3"> <KEY KEY="#5 ACTION="phone:dial?num=5"> <KEY KEY="#7 ACTION="phone:dial?num=7"> <KEY KEY="#9 ACTION="pop"> </HEAD> <BODY> Back Up a Bit
 Start Again
 Erase
 Next Message
 Save Message
 Stop Listening
 </BODY> </pre> <p><u>FIG. 25</u></p>	<p>123</p> <p>VoiceBox</p> <p>Greeting Options Listen to Messages Record a Message Sign Off</p> <p>123</p> <p>Listen</p> <p>Back Up a Bit Start Again Erase Next Message Save Message Stop Listening</p>